

Tri-State Motor Transit Company

Carrier's No. 655500

Name of Carrier

RECEIVED subject to the classifications and tariffs in effect on the date of the issue of this Bill of Lading

Umetco Minerals Corporation

AT Marietta, Ohio

Aug. 1st, 1984 FromMETALS DIVISION
UNION CARBIDE CORPORATION

Niagara Falls, NY

For use via carrier truck under the exclusive/sole use shipments/movements

the property described below, in apparent good order except as noted (contents and condition of contents of packages unknown) marked, consigned and destined as indicated below, which said carrier (the word carrier being understood through out this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination if on its route otherwise to deliver to another carrier on the route to said destination. It is mutually agreed as to each carrier of all or any of said property over all or any portion of said route to destination and as to each party at any time interested in all or any of said property that every service to be performed hereunder shall be subject to all the terms and conditions of the Uniform Domestic Straight Bill of Lading set forth (1) in Official Southern Western and Illinois Freight Classifications in effect on the date hereof if this is a rail or a rail water shipment or (2) in the applicable motor carrier classification or tariff if this is a motor carrier shipment.

Shipper hereby certifies that he is familiar with all the terms and conditions of the said bill of lading including those on the back thereof set forth in the classification or tariff which governs the transportation of this shipment, and the said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

Consigned to CHEM-METAL SYSTEMS, INC. UCC Metals Division BARNWELL MANAGEMENT FACILITIES SHIPPER'S ORDER NO. CUSTOMER'S ORDER NO.

Destination XXXX BARNWELL (Osborn Road) State XXXXXX S. Carolina County XXXXXX BARNWELL

Route _____

Delivering Carrier Tri-State Motor Transit Car or Vehicle Initials 2000 No 41547 Seal No 202571

No Packages	Kind of Package, Description of Articles, Special marks and Exceptions	Weight (Sub to correction)	Class or Rate	Check Column	Subject to Section 7 of Conditions of applicable bill of lading if this shipment is to be delivered to the consignee without recourse on the consignor the consignor shall sign the following statement
8	Radioactive Materials LSA nos (520 cu. ft.)				<p>The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges</p> <p>(Signature of consignor)</p> <p>If charges are to be prepaid write or stamp here "To Be Prepaid"</p> <p>Third Party</p> <p>PREPAID (SEE BELOW) *</p> <p>Received \$ _____</p> <p>to apply in prepayment of the charges on the property described hereon</p> <p>Agent or Cashier</p> <p>Per _____</p> <p>(The signature here acknowledges only the amount prepaid)</p> <p>Charges advanced</p> <p>\$ _____</p> <p>This shipment is correctly described</p> <p>Correct weight is _____ lbs</p> <p>Subject to verification by the</p> <p>* L. G. Evans</p> <p>Umetco Minerals Corp</p> <p>P. O. Box 97</p> <p>Niagara Falls, NY 14110</p>
	Radioactive Material UN-2912				
	U-Natural				
	Uranium/Thorium Residues (From Chemical Processing)				
	0016 Max Carries per Package Less than one (1) pound source				
	material - solid, metal oxide, contaminated				
	building rubble, wood and plant equipment.				
	This is to certify that the above named materials are properly classified described packaged marked and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation				
	Signed <u>L. G. Evans</u>				
	Vehicle assigned for sole use of consignor Do not load other freight on the vehicle do not transfer in route and do not break the seal on truck				
	Carrier hereby acknowledges that prior to or at the time this shipment was offered for transportation the shipper provided or affixed according to applicable regulations the required placards or orange panels (including prescribed identification numbers) for each hazardous material named hereon				
	Signed _____				

The agreed or declared value of the property is hereby specifically stated by the shipper to be not exceeding _____ per _____

METALS DIVISION
UNION CARBIDE CORPORATION

Umetco Minerals Corp

Shipper

Agent

Per

Permanent postoffice
address of shipper
UC 325-34

(C. F. Walck)

Per

UCCNHT0003162

(1) GENERATOR NAME Umetco Minerals Corp

ADDRESS 137 4TH Street

CITY Niagara Falls, N.Y. STATE N.Y. 14302

CONTACT G.E. Walck PHONE 716-278-3361

(2) consigned to
CHEM NUCLEAR SYSTEMS, INC
P O BOX 726 OSBORN ROAD
BARNWELL S.C. 29812

BARNWELL WASTE MANAGEMENT FACILITY

Operated by CHEM NUCLEAR SYSTEMS, INC
P O Box 726, Barnwell, South Carolina 29812
(803) 259 1781

RADIOACTIVE SHIPMENT MANIFEST FORM

(3) USE THIS NUMBER ON
ALL CONTINUATION PAGES

VOLUME ALLOCATION NO

PAGE

OF

0884-322A

(4)

CARRIER T&MT ADDRESS Joplin, Mo.

TELEPHONE 417-644-7591 SHIPPING DATE Aug. 14, 1984

SHIPMENT TYPE YAN SHIPMENT SURFACE EXPOSURE .05 mR/hr

SHIPMENT NO 615-3001 LINER SERIAL NO NA

DRIVER SIGNATURE R. E. Walck DATE 8-14-84

(5) TOTAL FOR EACH CLASS		PROPER SHIPPING NAME & HAZARD CLASS (PER 49 CFR 172.101)	ID NUMBER
NO OF PACKAGES	WEIGHT (Pounds)		
		Radioactive Material, empty packages	UN2908
		Radioactive Material, fissile, n.o.s. — Radioactive Material	UN2918
<u>8</u>	<u>42.515</u>	Radioactive Material, low specific activity, n.o.s. — Radioactive Material	UN2912
		Radioactive Material, n.o.s. — Radioactive Material	UN2982
		Radioactive Material, limited quantity, n.o.s. — Radioactive Material	UN2910
		Radioactive Material, special form, n.o.s. — Radioactive Material	UN2974
		Radioactive Material, instruments and articles — Radioactive Material	UN2911
		Other (Specify)	

(6) SHIPMENT TOTALS							
VOLUME (Cubic Feet)	TOTAL NO OF PACKAGES	ACTIVITY (10 CFR 20.311)					SOURCE (Pounds)
		ALL ISOTOPIES	TRITIUM	C 14	Tc 99	I 129	
<u>520</u>	<u>8</u>	<u>0.84</u> <u>0.66</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<u>.8</u>

(7) TOTAL SNM	
ISOTOPE	GRAMS
U 233	<u>0</u>
U 235	<u>0</u>
TOTAL	<u>0</u>

(9) WASTE DESCRIPTION Contaminated Building rubble/plant hardware (10) PHYSICAL FORM/SOLIDIFICATION AGENT DAW / Solid

(11) ☒ Yes () No THIS VEHICLE IS CONSIGNED EXCLUSIVE USE LOADING AND UNLOADING MUST BE ACCOMPLISHED BY CONSIGNOR OR CONSIGNEE OR HIS DESIGNATED AGENT

(12) IMPORTANT "This is to certify that the above named materials are properly classified described packaged marked and labeled and are in proper condition for transportation according to the applicable regulations of the Department of Transportation

Signature Earl E. Reagan agent for Umetco Minerals Corp
Company Umetco Minerals Corp Date 8-14-84

(13) CHEMICAL FORM AND NAME AND % OF CHELATING AGENT(S) Metal Oxides

(14) WASTE FORM CLASS HA ☐ B ☐ C

(15) Certification is hereby made to the South Carolina Department of Health and Environmental Control that this shipment of low level radioactive waste has been inspected in accordance with the requirements of South Carolina Radioactive Material License No 097 as amended and the Nuclear Regulatory Commission's License No 1213536 01 as amended and the effective Barnwell Site Disposal Criteria within 48 hours prior to shipment and further certification is made that the inspection revealed no items of non compliance with all applicable laws rules and regulations

Date 8-14-84 By Earl E. Reagan for G.E. Walck
Title and Organization agent for Umetco Minerals Corp
Telephone No (803) 256-4355 / 716-278-3361

CNSI USE ONLY

- ☒ This material meets all license requirements
☒ This material was disposed of in accordance with license
☐ Discrepancy None

AUG 24 1984

Date 8-23-84

Authorized Signature [Signature]

Title [Signature]

UCCNHT0003163

GENERATOR NAME UMETCO Mineral Corp

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(16) ITEM NO	(17) RADIO NUCLIDE EACH CONTAINER	(18) PERCENT OF ACTIVITY EACH NUCLIDE	(19) ACTIVITY EACH CONTAINER (mCi)	(20) PHYSICAL FORM	(21) CHEMICAL FORM AND NAME & % OF CORRELATING AGENT	(22) WASTE DESCRIPTION	(23) WASTE FORM CLASS	(24) STABILITY CLASS (S U)	(25) SPECIAL NUCLEAR MATERIAL (grams)	(26) SOURCE MATERIAL (pounds)	(27) DISPOSABLE CONTAINER WEIGHT (pounds)	(28) DISPOSABLE CONTAINER VOLUME (Cu Ft.)	(29) CONTAINER TYPE	(30) RADIATION LEVELS CONTAINER, (T) T SURFACE 1 METER µR/hr mR/hr µR/hr mR/hr	(31) CONTAMINATION CONTAINER SURFACE (DPM/100cm²) Alpha Beta Gamma	(32) DOT SUB TYPE (A1 A2 LSA etc)	(33) FISSILE CLASS	(34) LABELING/ MARKINGS USED
UMF4																		
101	U-238	NA	0.028	Solid	Metal	Cadmium plated	A	U	NA	0.1	5.810	6.5	Tight	0.018 0.016	< 0.1 DPA	SA	NA	Radioactive - L-14
	Th-232		0.04		Oxides	dissolving x soluble / plating hardware							LC	0.050 0.016				Radioactive--
																		Radioactive--
102	U-238										5.810			0.050 0.016				Radioactive--
	Th-232																	Radioactive--
103	U-238										1.116			0.070 0.019				Radioactive--
	Pu-239																	Radioactive--
104	U-238										5.810			0.070 0.019				Radioactive--
	Th-232																	Radioactive--
105	U-238										4.76-			0.015 0.011				Radioactive--
	Th-232																	Radioactive--
106	U-238										5.810			0.050 0.016				Radioactive--
	Th-232																	Radioactive--
107	U-238										5.810			0.015 0.011				Radioactive--
	Th-232																	Radioactive--
108	U-238										1.132			0.050 0.018				Radioactive--
	Th-232																	Radioactive--
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B			0.054						0	.8	42515	5.20		.146				PAGE TOTALS

CUSTOMER S COPY

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